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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

11

Application Number

10/646,460

Filing Date

August 22, 2003

First Named Inventor

Kenneth COLLINS

Art Unit

Unknown

Examiner Name

Unknown

Attorney Docket Number

006915 P09

ENCLOSURES (Check all that apply)☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Response to Missing Parts/
Incomplete Application☐Response to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) _____

☐After Allowance communication
to Group☐Appeal Communication to Board
of Appeals and Interferences☐Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☐Other Enclosure(s) (please
Identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Robert M. Wallace Reg. No. 29,119

Signature

Robert M. Wallace

Date

09/29/2004

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name

Shelly Hart

Signature

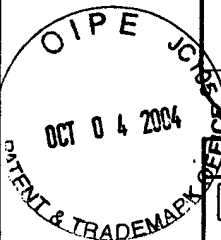
Shelly Hart

Date

09/29/2004

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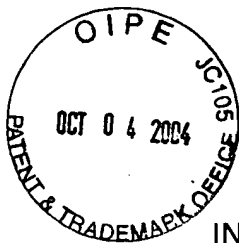
on September 29, 2004 (Date of Deposit)

Date 09-29-04 Name Shirley Hurd

PATENT

Attorney Docket No.: 006915 P09

RW Ref. No.: APM/001-02-CP1-9



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth COLLINS, et al.

Serial No.: 10/646,460

Examiner: Unknown

Filed: August 22, 2003

Group Art Unit: Unknown

For: PLASMA IMMERSION ION IMPLANTATION SYSTEM INCLUDING AN
INDUCTIVELY COUPLED PLASMA SOURCE HAVING LOW
DISSOCIATION AND LOW MINIMUM PLASMA VOLTAGE

PRELIMINARY AMENDMENT TRANSMITTAL

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is a Preliminary Amendment in the above-identified application. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	24 minus	24 =	0	x \$18	\$000.00
Independent	2 minus	3 =	0	x \$86	\$000.00
If Multiple Dependent Claims Are Present, Add \$290.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00


☒ [X] No additional fee is required.

☐ [] A check in the amount of \$ is attached.

☒ [X] The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,

Dated: 09/29/2004


Robert M. Wallace
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on September 29, 2004 (Date of Deposit)

09-29-04 [Signature]
Date Name

PATENT

Attorney Docket No. 006915 P09

RW Ref. No.: APM/001-02-CP1-9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Kenneth COLLINS, et al. :
: Group Art Unit: Unknown
Entitled: PLASMA IMMERSION ION :
IMPLANTATION SYSTEM INCLUDING AN :
INDUCTIVELY COUPLED PLASMA SOURCE :
HAVING LOW DISSOCIATION AND LOW :
MINIMUM PLASMA VOLTAGE :
: Examiner: Unknown
Serial No.: 10/646,460 :
Filing Date: August 22, 2003 :

PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to taking action in this case, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 8 of this paper.